

**ABSTRACT**

A multi-layer thin film is provided preferably for use with photochromic lenses, wherein the thin film comprises a plurality of layers, preferably including dielectric layers, selected and arranged so as to reflect less than about 6 percent of the UVA rays in a range of about 315 to 400 nm, more preferably about 350 to 380 nm. The thin film preferably has an activation value greater than 25%.